BENEATH
YOUR FEET
Alberta's Geology

WITHIN
OUR BORDERS
AN ALBERTA GOVERNMENT
PUBLICATION
APRIL 1970

Municipal Assistance grants up 9.2 per cent

The 1969 Municipal Assistance grants distributed to Alberta municipalities totalled $33,773,845, an increase of 9.2 per cent over the 1968 figure of $30,904,830.

The Municipal Assistance Act provides for an appropriation equal to one-third of the petroleum and natural gas royalties collected by the province during the preceding year. The Department of Municipal Affairs allots unconditional grants to all municipalities from this appropriation each year.

Essentially a per capita grant, the allotments are equalized by the municipal ability to pay, as measured by the per capita assessment and the municipal need, as measured by the density of population.

Since its inception in 1951, the annual appropriations have provided a total of $229,298,062 in outright grants which municipal councils have been able to spend for any purpose within their jurisdiction.

CITIES	1969 Grants
Calgary	$ 6,547,302.84
Camrose	157,487.26
Drumheller	93,389.18
Edmonton	7,286,285.49
Grande Prairie	212,401.78
Lethbridge	689,713.45
Lloydminster	76,470.05
Medicine Hat	456,072.44
Red Deer	481,920.65
Wetaskiwin	115,026.67
Total	$16,116,069.81

TOWNS	
Athabasca	$ 32,813.61
Barrhead	48,614.80
Bashaw	13,850.65
Bassano	14,392.06
Beaverlodge	20,571.05
Black Diamond	16,839.51
Blairmore	32,867.54
Bonnyville	45,236.08
Bow Island	20,883.80
Brooks	65,221.56
Calmar	13,425.11
Canmore	29,127.04
Cardston	49,235.57
Carstairs	15,676.03
Castor	19,849.38
Claresholm	57,590.78
Coaldale	46,073.31
Cold Lake	22,862.79
Coleman	25,515.30
Coronation	19,698.40

The Cover

A new gallery, featuring the geology of Alberta, was recently opened at the Provincial Museum and Archives of Alberta, in Edmonton. "Beneath Your Feet—Alberta's Geology" includes an animated display on mountain building and erosion, and exhibits on the formation of rocks and minerals and interpretive geology. There are collections of rocks and minerals, maps and photographs of the geology under the province, economic geology and tactile specimens.

Daysland	11,351.76
Devon	22,669.28
Didsbury	31,060.52
Drayton Valley	60,119.26
Eckville	11,617.46
Edson	69,127.90
Elk Point	14,141.47
Fairview	37,634.01
Falher	16,889.26
Fort Macleod	47,505.25
Fort McMurray	107,736.07
Fort Saskatchewan	84,609.35
Fox Creek	11,391.69
Gleichen	7,425.41
Grand Centre	36,201.45
Granum	5,460.93
Grimshaw	32,431.40
Hanna	45,812.12
Hardisty	11,332.80
High Level	37,948.67
High Prairie	43,633.52
High River	42,243.21
Hinton	77,831.17
Innisfail	45,448.27
Irvine	3,769.12
Killam	15,827.75
Lac La Biche	31,136.42
Lacombe	57,015.11
Lamont	15,075.56
Leduc	60,004.62
Lodgepole	3,708.05
Magrath	22,112.46
Manning	23,995.72
Mayerthorpe	17,505.25
McLennan	21,050.43
Milk River	15,422.13
Morinville	17,951.76
Mundare	10,213.35
Nanton	16,929.65
Okotoks	20,348.62
Olds	58,686.97
Oyen	17,696.34
Peace River	97,047.60
Picture Butte	17,917.55
Pincher Creek	57,078.15
Ponoka	81,634.43
Provost	25,268.91
Rainbow Lake	10,678.61
Raymond	35,585.53
Redcliff	38,387.28
Redwater	23,589.49
Rimbey	27,027.61
Rocky Mountain House	49,038.95
Sedgewick	13,732.36
Slave Lake	29,891.64
Smoky Lake	16,080.67
Spirit River	19,926.01
St. Albert	182,929.66
Stavely	5,691.37
Stettler	78,721.59
Stony Plain	26,155.42
St. Paul	71,096.40
Strathmore	18,893.75
Sundre	15,190.28
Swan Hills	21,575.29
Sylvan Lake	24,214.35
Taber	82,719.90
Three Hills	26,107.58
Tofield	17,161.75
Trochu	13,366.34
Two Hills	20,900.99
Valleyview	33,175.65
Vauxhall	16,337.58

Vegreville	66,971.48
Vermilion	47,933.16
Viking	22,095.70
Vulcan	28,935.59
Wainwright	67,179.53
Westlock	52,386.87
Whitecourt	51,451.71
Total	$ 3,484,492.64

VILLAGES	
Acme	$ 5,745.68
Airdrie	17,161.25
Alberta Beach S.V.	23,452.22
Alix	11,485.96
Alliance	5,193.91
Amisk	2,355.64
Andrew	9,100.42
Argentia Beach S.V.	2,812.58
Arrowwood	3,226.68
Barons	5,091.87
Bawlf	3,960.41
Beiseker	7,243.56
Bellevue	21,482.34
Bentley	11,558.42
Berwyn	8,276.35
Betula Beach S.V.	614.63
Big Valley	6,854.76
Bittern Lake	1,656.46
Blackfalds	14,139.33
Blackie	2,682.45
Bon Accord	4,957.51
Bonnyville Beach S.V.	2,401.80
Botha	2,351.28
Bowden	10,750.04
Boyle	8,517.06
Breton	8,095.19
Bruderheim	5,271.25
Burdett	3,969.98
Carbon	6,689.93
Carmangay	4,878.13
Caroline	5,487.01
Cattle Island S.V.	630.95
Cayley	2,601.07
Cereal	3,459.11
Champion	6,853.82
Chauvin	7,094.57
Chinook	1,812.82
Chipman	3,189.54
Clive	4,390.88
Cluny	3,074.17
Clyde	4,630.08
Cochrane	15,253.40
Consort	12,095.62
Coutts	7,676.65
Cowley	3,275.30
Craigmyle	1,825.91
Cremona	3,211.24
Crossfield	11,224.28
Crystal Springs S.V.	4,013.03
Czar	3,623.13
Delburne	7,079.57
Delia	5,124.27
Derwent	4,671.11
Dewberry	3,567.14
Donalda	4,416.63
Donnelly	4,630.68
Duchess	3,622.31
Eaglesham	4,394.48
Edberg	3,034.66
Edgerton	6,237.03
Edmonton Beach S.V.	6,077.55
Elnora	3,598.89

Empress	6,502.83
Entwistle	6,016.50
Evansburg	8,312.30
Ferintosh	2,713.29
Foremost	10,245.19
Forestburg	12,881.41
Fort Assiniboine	3,024.69
Frank	3,213.21
Gadsby	1,520.70
Galahad	3,107.18
Ghost Lake S.V.	2,645.63
Gibbons	6,668.20
Girouxville	5,471.09
Glendon	6,339.33
Glenwood	3,518.23
Golden Days S.V.	6,253.97
Grandview S.V.	4,059.97
Grassy Lake	3,661.67
Gull Lake S.V.	7,514.95
Hairy Hill	2,441.28
Halkirk	3,212.49
Hay Lakes	3,320.34
Heisler	3,593.51
Hill Spring	3,486.71
Hines Creek	7,681.05
Holden	9,013.67
Hughenden	5,213.95
Hussar	4,009.96
Hythe	8,968.25
Innisfree	4,763.68
Irma	7,427.68
Irricana	2,293.91
Island Lake S.V.	2,795.82
Itaska Beach S.V.	2,292.96
Kapasiwin S.V.	1,652.13
Kinuso	6,854.43
Kitscoty	6,200.97
Lakeview S.V.	1,029.07
Lavoy	2,107.44
Legal	10,301.98
Linden	3,905.69
Lomond	3,853.66
Longview	3,111.74
Lougheed	4,568.66
Ma-Me-O Beach S.V.	9,258.88
Mannville	12,322.03
Marwayne	6,279.71
Millet	8,296.03
Milo	2,326.73
Minburn	2,311.94
Mirror	7,997.22
Morrin	4,918.96
Munson	769.63
Myrnam	8,229.63
Nakamun Park S.V.	2,315.71
Nampa	5,720.78
New Norway	3,978.26
New Sarepta	3,463.61
Nobleford	6,981.61
Norglenwold S.V.	3,058.55
Onoway	7,007.63
Paradise Valley	3,132.33
Penhold	6,204.45
Plamondon	4,005.34
Point Alison S.V.	1,379.84
Poplar Bay S.V.	2,848.55
Radway	2,811.29
Rochon Sands S.V.	4,567.27
Rockyford	5,092.66
Rosalind	3,490.83
Rosemary	3,835.47
Ross Haven S.V.	4,050.65
Rumsey	1,812.96

Rycroft	9,533.55
Ryley	8,436.75
Sandy Beach S.V.	6,183.36
Sangudo	5,924.04
Seba Beach S.V.	11,968.97
Sexsmith	8,800.69
Silver Beach S.V.	3,233.02
Silver Sands S.V.	1,845.78
Spruce Grove	12,892.98
Standard	4,604.54
Stirling	7,399.15
Strome	4,305.23
Sunset Point S.V.	3,079.04
Thorhild	8,723.28
Thorsby	10,716.71
Tilley	4,600.78
Torrington	2,361.17
Turner Valley	13,368.74
Val Quentin S.V.	4,294.70
Veteran	4,752.74
Vilna	6,186.23
Wanham	5,350.95
Warburg	7,878.68
Warner	7,976.22
Warspite	2,121.86
Waskatenau	4,566.20
Wembley	5,877.23
West Cove S.V.	3,582.93
Wildwood	7,315.07
Willingdon	6,910.61
Yellowstone S.V.	2,669.59
Youngstown	6,540.53
Total	$ 944,095.23

COUNTIES

Grande Prairie No. 1	$ 467,971.58
Vulcan No. 2	253,004.80
Ponoka No. 3	224,171.82
Newell No. 4	359,446.64
Warner No. 5	265,159.47
Stettler No. 6	289,476.11
Thorhild	189,771.66
Forty Mile No. 8	242,833.38
Beaver No. 9	263,673.89
Wetaskiwin No. 10	298,972.11
Barrhead No. 11	197,388.17
Athabasca No. 12	333,417.06
Smoky Lake No. 13	218,250.20
Lacombe No. 14	218,570.93
Wheatland No. 16	296,808.65
Mountain View No. 17	293,252.55
Paintearth No. 18	194,216.92
St. Paul No. 19	303,303.26
Strathcona No. 20	272,215.01
Two Hills No. 21	243,547.14
Camrose No. 22	289,977.92
Red Deer No. 23	226,909.12
Vermilion River No. 24	414,460.42
Leduc No. 25	263,603.85
Lethbridge No. 26	168,218.23
Minburn No. 27	294,023.16
Lac Ste. Anne No. 28	241,573.94
Flagstaff No. 29	310,242.44
Lamont No. 30	155,936.24
Parkland No. 31	272,855.15
Total	$ 8,063,251.82

MUNICIPAL DISTRICTS

Cardston No. 6	$ 257,523.28
Pincher Creek No. 9	158,816.88
Taber No. 14	365,200.27

Willow Creek No. 26	256,126.98
Foothills No. 31	270,731.40
Acadia No. 34	54,332.23
Rocky View No. 44	351,126.21
Starland No. 47	148,328.59
Kneehill No. 48	269,845.28
Provost No. 52	173,249.81
Wainwright No. 61	234,416.76
Bonnyville No. 87	223,571.75
Sturgeon No. 90	285,123.59
Westlock No. 92	262,883.58
Smoky River No. 130	214,946.62
Spirit River No. 133	55,432.25
Peace No. 135	71,060.61
Fairview No. 136	77,215.16
Total	$ 3,729,931.25

IMPROVEMENT DISTRICTS

No. 1	$ 64,511.27
No. 2	7,431.28
No. 3 Military Experimental Range	Nil
No. 4 See Waterton National Park School District	
No. 5	29,213.39
No. 6	1,160.33
No. 7	40,587.29
No. 8	28,533.03
No. 9 See Banff and Lake Louise School Districts	
No. 10	112,126.98
No. 11	2,012.38
No. 12 See Jasper School District	
No. 13 Elk Island National Park	Nil
No. 14	132,660.62
No. 15	33,180.95
No. 16	64,237.01
No. 17	206,385.56
No. 18	168,936.18
No. 19	41,637.60
No. 20	49,747.02
No. 21	60,574.67
No. 22	57,882.52
No. 23	88,700.67
No. 24 Wood Buffalo National Park	Nil
Total	$ 1,189,518.75

SCHOOL DISTRICTS IN NATIONAL PARKS

Banff S.D. No. 102	$ 57,854.50
Lake Louise S.D. No. 1063	1,991.99
Jasper S.D. No. 3063	49,917.31
Waterton Park S.D. No. 4233	4,350.95
Total	$ 114,114.75

SUMMARY

Cities (10)	$ 16,116,069.81
Towns (101)	3,484,492.64
Villages (167)	944,095.23
Counties (30)	8,063,251.82
Municipal District (18)	3,729,931.25
Improvement Districts (18)	1,189,518.75
Special Areas	132,370.75
S.D.'s in National Parks (4)	114,114.75
GRAND TOTAL	$33,773,845.00

Museum displays
tell story
of Alberta

Development of the new bronze sculpture "The Pronghorns" at the Provincial Museum is told in this photo series. The completed sculpture, above, started as a rough ink sketch, from which the small model (in foreground above) was moulded in plaster of Paris. A scale model in plastiline, a special plasticine used by sculptors, was built next, which was used as a model to build an actual size wooden frame (bottom left and top right). Plastiline was then sculptured over the frame (bottom right). This actual size form was then used to make the plaster of Paris casting mould, which was sent, in 27 pieces, to a foundry in England where the final bronze form was cast.
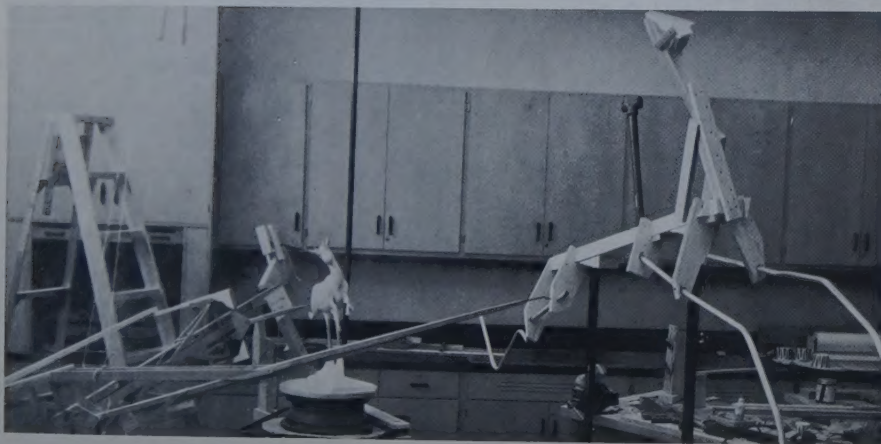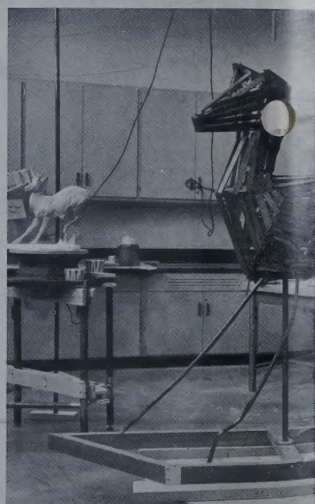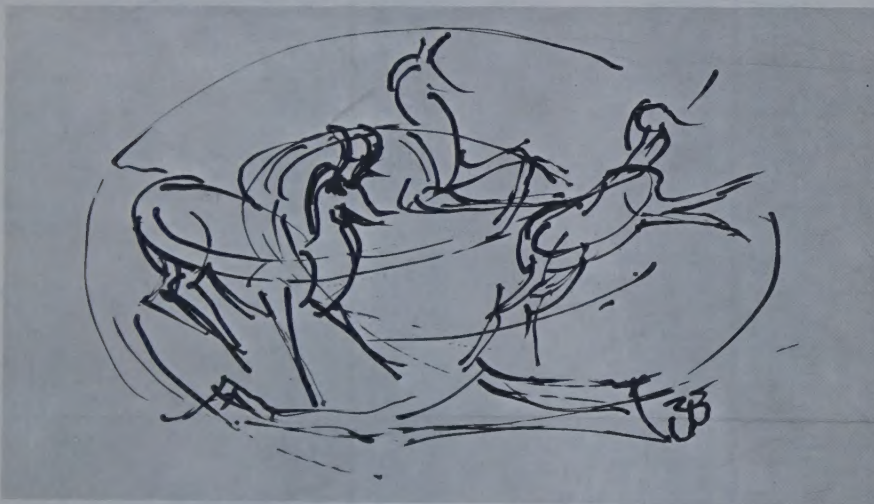
Many months, sometimes even a year or two of planning and preparation are involved in the development of displays that tell the story of Alberta at the Provincial Museum and Archives of Alberta in Edmonton.

A gallery or an exhibit sculpture begins as an idea. At planning meetings, the original conception is expanded, some suggestions retained, others discarded. Decisions are made as to the theme and scope of the gallery and a detailed work schedule is produced.

Designs are prepared, plans are delineated, and color schemes are selected providing a picture of the development of the gallery from start to finish. It includes such details as display title, theme, scope, a list of artifacts, specimens, and archival material to be used. Labelling for the over-all display and the individual items, and illustrations or models are also required.

Materials are acquired and gallery construction begins.

Behind-the-scenes at the Provincial Museum and Archives, exhibits are in various stages of preparation — a taxidermist works on preparation of an Indian pony for the Indian History Gallery; a 1912 model "juke box" is being restored for a new Leisure Gallery to open soon; a moose habitat display is well advanced with background painting and foreground; final touches are being added to the two-ton pronghorn sculpture which began as a sketch on a sheet of paper.

The preparation of new galleries and additions to present ones is a continuing activity at the Provincial Museum and Archives of Alberta. This educational and cultural center was opened in 1967, commemorating the centennial of Canadian confederation. □
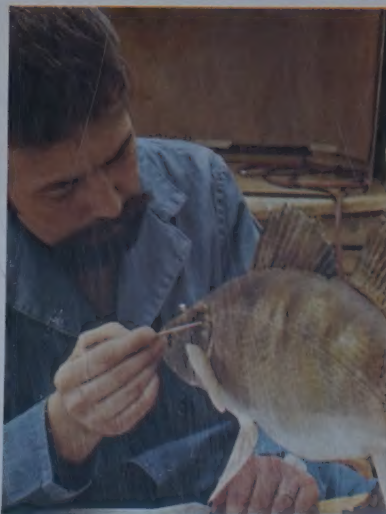
(Bottom) In the first seven months of the 1969-70 school term more than 20,000 Alberta school children have participated in the Provincial Museum's educational tours program. School programs, arranged by the Museum's extension division, are designed to provide a keen insight into the natural and human history of the province. Here, a visiting group handles artifacts in the Indian history gallery. A new uniform, featuring the Alberta tartan, has recently been adopted for tour guides.

(Top Right) A walleye, which has been cast in a special plastic, is painted the exact color of the original fish by a natural history artist. It will be included in a future display on Alberta fish.

(Bottom Right) A habitat artist paints the background for a moose habitat display. This will be the second in the Provincial Museum's developing series of habitat displays which started with the pronghorn antelope.
(Middle Right) Framed by an Indian pony, a natural history taxidermist mounts a skunk for future display. The Indian pony, complete with trappings and pulling a travois, is now on display in the Indian history gallery.

Audio-Visual Branch leader in its field

Producing 120 radio and 60 television programs each year, the Audio-Visual Services Branch, Alberta Department of Education, continues to be a leader in the school broadcasts field. Two recent developments emphasize this fact.

In February, the Branch received word that it had won an Ohio State Award for one of its radio productions. The Ohio State Awards, an exhibition of educational radio and television programs, sponsored by Ohio State University, recognize meritorious achievement in educational, informational and public affairs broadcasting.

The award-winning Alberta entry was "Ah-Tic-Tok," a primary level story, in verse, about two polar bear cubs. It was produced in conjunction with radio station CKUA, Edmonton, and broadcast on that station.

The other new development on the school broadcasts scene is the introduction by the Audio-Visual Branch of videotape recording. To provide this service, the Branch has assembled a video tape master library of Alberta educational television programs, and has completed arrangements with the Metropolitan Edmonton Educational Television Association to jointly operate a Provincial Videotape Dubbing Centre.

Availability of videotape recording will facilitate greatly the distribution and utilization of the large number of high quality ETV programs now being produced in Alberta and elsewhere.

The Videotape Dubbing Centre will operate in a manner similar to the Audio Tape Dubbing Centre. Requests for programs must be accompanied by a videotape from the requesting school. The centre will then dub the requested copy from the master library. Copies can be made easily and efficiently. The master library needs to retain only one master copy.

These programs, as well as 16mm film, previously provided one-time-only opportunities for instruction.

The Videotape Dubbing Centre's first catalogue of programs available lists some 260 titles, covering grades one to 12. By the end of the year this figure will approach 600.

Audio tape dubbing has been a service of the Audio-Visual Branch for many years, and the Branch annually compiles a catalogue of tapes available.

(Top) New videotape recording service, now available to Alberta schools through the Audio-Visual Branch, Department of Education, will facilitate greatly the distribution and utilization of educational television programs. All recordings are quality tested before shipment. (Middle) A rhythm band from an Edmonton school assists with production of a television program at CBC, Edmonton, for the Alberta Department of Education's school broadcasts series, "Making Music." (Bottom) School Broadcasts section of the Audio-Visual Branch received these life-size figures from a grade five class in response to a radio program in the "It's Fun to Draw" series. The program dealt with different nationalities. School Broadcasts staff examine the art work they receive from schools, and report back to class teachers.

Production of close to 200 radio and television broadcasts each year requires a high degree of advance planning. Staff of the School Broadcasts section of the Audio-Visual Branch first meet with the radio-television committee, comprised of teachers from throughout the province, to obtain their points of view for the coming year's programs.

School Broadcasts staff also keep in close contact with the Department's Curriculum Branch, endeavouring to keep ahead of changes in courses of study. For example, prior to New Math, a program to introduce the subject was produced, featuring Clarence the Puppet, one of the television "stars" of school broadcasts. Another example is the Movement Education series, replacing the "old Phys. Ed."

Visits are also made to classrooms to ascertain the reactions of pupils. After visiting a primary class viewing a music education program, it was decided larger illustrations would be desirable. Musical notes several inches high now appear on the television screen.

In addition, many teachers participate in the Branch's program evaluation, which also serves as a guide in developing future programs.

The Branch shares responsibility for production of school broadcasts with similar agencies in other provinces, which adds another dimension to program planning and scheduling.
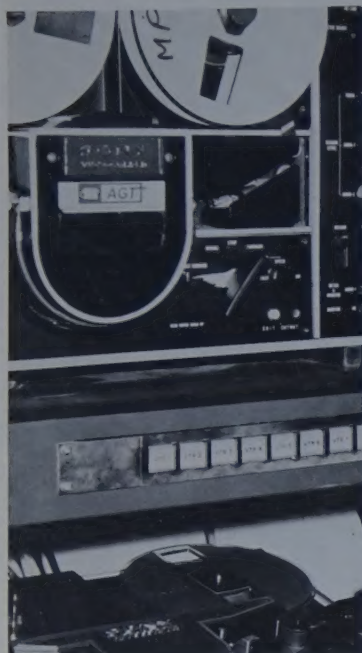
One half-hour of educational television programming is presented daily on CBC network stations. All Monday and Friday programs are Alberta's responsibility and are produced with Alberta's curriculum in mind with the co-operation and facilities of CBC. Responsibility for the Wednesday regional series is shared by the four western provinces. Tuesday and Thursday programs are broadcast nationally, and produced in consultation with all provinces through the Joint Program Planning Committee.

All daily morning school broadcasts on radio station CKUA are the responsibility of Alberta School Broadcasts and are related to this province's curriculum. Production responsibilities for programs broadcast daily on CBC stations, CBR Calgary and CBX Edmonton, in the afternoons are divided, 1½ days Alberta's own responsibility, 2½ days Western Regional shared broadcasts, and one day of national programs prepared in Toronto in consultation with the Joint Programming Committee.

After content and titles for the year's programs have been decided, calendars — one for television, and one for radio — for the coming school term are prepared and distributed to school superintendents, and in turn to schools. Accompanying the calendars are cards for ordering a wide range of Branch-prepared printed material related to certain broadcasts.

Orders for this material, some for use by teachers and other items for student reference, provide School Broadcasts staff with partial statistical information on numbers tuning in the programs. However, because many teachers do not use the reference material, but simply turn on their radio and television sets, the numbers actually viewing and hearing the broadcasts is much higher than the figures available.

Response to programs in recent years indicates slightly less usage of radio programs, and greater use of television broadcasts. □

Comprehensive Alberta Atlas available

The Atlas of Alberta, a joint project of the Government of Alberta and the University of Alberta, is now available after five years of preparation. The publication was designated a Canadian Centennial project by the two organizations in 1967, but work was of such magnitude that it was recognized it would not be completed that year.

The new 13" x 17" Atlas is no mere collection of maps. Its concern is not limited to the courses of rivers, the locations of lakes and the heights of mountains. The new atlas is almost encyclopaedic in the list and variety of subjects it covers: natural history to meteorology, sociological considerations to natural resources inventories and industries and services to agriculture and administrative patterns.

All these things are depicted graphically with an absolute minimum of text. The 158 pages of maps include 582 single maps, 188 graphs and diagrams and eight profiles, some so small there are several to a page and others comprising a two-page spread. The maps are designed to impart the maximum amount of information, with everything neatly and logically classified and grouped.

The atlas represents not only the efforts of the mapping services of Lands and Forests and Department of Highways and Transport but contributions from many scholars and organizations. There has been material supplied by the Alberta Bureau of Statistics, the Dominion Bureau of Statistics as well as the Alberta Research Council, professors and graduate students at the Universities, various Alberta Government Departments such as Highways and Transport, Health, Education, Mines and Minerals, Municipal Affairs, Agriculture, and the Oil and Gas Conservation Board.

Production of the atlas was supervised by an executive committee, three members of the Geography Department of the University of Alberta, and one each from the Alberta Department of Lands and Forests and the Alberta Bureau of Statistics.

Compilation of statistical material in manuscript form was done primarily at the University. Final drafting was done by the Technical Division of the Alberta Department of Lands and Forest and the Mapping Office, Survey Branch, Alberta Department of Highways and Transport.

Price to the public in Alberta is $20 per copy, or $15 to educational institutions. Elsewhere, it is $30 per copy. The Atlas is published by the University of Alberta Press in association with the University of Toronto Press who will handle distribution outside Alberta. The Department of Lands and Forests will handle distribution within the province. □

coming events

Within Our Borders is pleased to list those coming events pertaining to organizational meetings, association gatherings, and other similar non-commercial events of which it is made aware. Forward your information to Within Our Borders, Alberta Government Publicity Bureau, Centennial Building, Edmonton, Alberta.

APRIL

1- 3	17th Annual Conference of the Alberta Council Personnel Association	Edmonton
1- 3	Alberta Assessors Association Convention	Lethbridge
1- 5	International Order of Job's Daughters Convention	Edmonton
2- 3	Bull Sale	Lethbridge
2- 4	Alberta Ready-Mixed Concrete Association Convention	Edmonton
3- 4	A.M.A. Provincial Convention	Medicine Hat
3- 4	Alberta Flying Farmers Annual Convention	Lethbridge
3- 4	Edmonton Opera Association Convention	Edmonton
6	Symphony Orchestra and Chorus	Lethbridge
6-17	Department of Art Annual Staff Exhibition	Edmonton
7- 8	Edmonton Diocesan Board of Anglican Church Women Meeting	Edmonton
8- 9	Annual Spring Cattle and Swine Sale	Camrose
8-11	Edmonton Fish & Game Show	Edmonton
9-12	Refrigeration Service Engineers Society of Canada Convention	Edmonton
10-11	Alberta Water Well Drilling Association Convention	Red Deer
11	Junior Arts Festival	Edmonton
11	ESCPEX '70—Philatelic Exhibition	Edmonton
13-16	Alta.-B.C. District of Lutheran Church Missouri Synod	Lethbridge
14-16	Provincial Annual Conference I.O.D.E.	Calgary
15	University of Lethbridge Concert Series, University of Alberta Choir	Lethbridge
16-May 10	Environment '70	Edmonton
17-18	Electrical Contractors Association of Alberta Convention	Banff
17-19	Alberta Toastmistresses Clubs Convention	Edmonton
18	Mr. Symphony Concert	Lethbridge
18-21	Allied Beauty Association Convention	Edmonton
20-21	Interprovincial Bull Show and Sale	Lloydminster
20-30	Kiwanis Music Festival	Edmonton
20-May 8	Exhibition of Work by Graduating Students of Fine Art	Edmonton
23-25	Alberta Chiropractic Association Convention	Edmonton
24-25	Anglican Synod Conference	Edmonton
24-25	Tenth Annual Rock and Craft Show	Calgary
24-26	Canadian Owners and Pilots Annual National Meeting	Banff
24-May 2	Kiwanis Music Festival	Lethbridge
25-26	Dog Show	Lethbridge
28-May 2	Northlands Horse Show	Edmonton
29-May 1	Girl Guides of Canada, Alberta Branch Convention	Edmonton
30-May 3	Alberta Parks & Recreation Association Provincial Convention	Medicine Hat

MAY

1	Annual Tri-Service Cadet Tattoo	Calgary
1- 2	Kiwanis Music Festival	Edmonton
1- 2	Regal Car Club Auto Show	Edmonton
1- 3	The Library Association of Alberta Annual Conference	Edmonton
1- 3	English Council of the Alberta Teachers' Association Convention	Edmonton
1-10	Environment '70	Edmonton
3	Polish Congress in Alberta — National Day	Edmonton
3	Edmonton/Calgary Youth Orchestra	Calgary
5- 8	National Petroleum Show	Calgary
6	Band Concert	Taber
6	Calgary Council — Boy Scouts Annual Meeting	Calgary
10-13	One Prairie Province "A Question for Canada"	Lethbridge
12-15	Alberta Association of Registered Nurses Annual Convention	Calgary
13	Stratford Festival—Concert	Edmonton
13-15	Canadian Electrical Association Convention	Edmonton
13-16	United Steel Workers of America Convention	Edmonton
13-17	Petroleum Accountants Society of Alberta Convention	Jasper
15-16	Toastmasters International	Calgary
15-16	Stavely Indoor Rodeo	Stavely
15-31	Photography in the 20th Century	Edmonton
16	Kiwanis Music Festival—Final Concert	Edmonton
16	Roping Club's Horse Show	Taber
16-17	Central Alberta Youth League	Calgary
16-18	Stettler Heart of Alberta Trailer Rally	Rochon Sands
17	Breakfast Fly-In	Camrose
17-18	Annual Rodeo & Parade	Taber
18	Sports Day	Beaverlodge
18-22	8th Biennial Convention Canadian Labour Congress	Edmonton
18-23	Association of Professional Engineers of Alberta Convention	Jasper
19-20	Stavely Indoor Rodeo	Stavely
20-21	Western Canada Chiefs of Police Annual Conference	Lethbridge
23	Alberta Tuberculosis & Respiratory Disease Association Annual Meeting	Calgary
23	Easter Island—Provincial Museum	Edmonton
23-25	Fraternal Order of Eagles	Edmonton
24	Fly-In	Rocky Mountain House
24-25	Central Peace Golf Association Tournament	Rycroft
24-27	Western Canada Synod Lutheran Church	Edmonton
25-27	Alberta Hotel Association Convention	Edmonton
26-29	University Convocations	Edmonton
27-30	Spring Indoor Horse Show	Red Deer
27-30	Canadian Plumbing & Mechanical Contractors Association Convention	Jasper
27-30	United Church of Canada, Alberta Conference	Edmonton
28-31	Trust Companies Association of Canada Convention	Jasper
29	Business & Professional Women's Convention	Medicine Hat
29-30	Mortgage Loans Association of Alberta Convention	Jasper
29-31	Knights of Columbus Convention	Lethbridge

Snow vehicles require registration

Marked increase in the use of snow vehicles in Alberta has prompted passage of the Snow Vehicles Act. Administered by the Department of Highways and Transport, the act is aimed at ensuring the safety of operators and the public at large.

Regulations under the Act require that all snow vehicles must be registered and display identification number plates. Three categories of registration certificates exist covering privately owned vehicles, dealer vehicles used for demonstration purposes and drive-yourself rental operations.

Certificates will not be issued to persons under 18 years of age without the signature of a parent or guardian, unless proof is provided that they are wholly self supporting. Registration is non-transferrable from one owner to another but may be transferred from one machine to another by the same owner for a $1.00 fee. Dealer and rental classes, as in the case of privately owned vehicle registrations, are issued in perpetuity, or until cancelled by order in council. Registration fee in all categories is $5.00. In the case of dealers and rental firms this fee applies to each plate issued.

In addition to all these requirements a firm engaged in renting snow vehicles on a drive-yourself basis must obtain a rental certificate renewable annually at a $10.00 fee. Expiry date of such certificates is September 30 of each year. In order to obtain a rental certificate the firm must carry a minimum of $35,000 insurance against liability for bodily harm, death and loss of or damage to property.

Snow vehicles operated on private land, by the owner of the land or anyone having the owner's permission, do not require registration. Residents of national parks in the province require provincial permits but parks service vehicles are exempt.

Aside from ministerial order or municipal by-laws, the Act makes it an offence to operate a snow vehicle on public roads, lanes and highways. To cross a highway the vehicle must be brought to a complete stop, all passengers must disembark and cross on foot and the crossing expedited in the most direct route possible. Drivers must yield right-of-way to all other classes of vehicles and to pedestrians.

Specifications of equipment for night operation limit the number of headlights to two and require at least one tail light mounted on the rear. Headlights must be clear white, of a high enough intensity to reveal a person or vehicle 300 feet away and be aimed level with the road to avoid striking the eyes of an on-coming driver. Tail light must be red only.

Penalties for contravention of Snow Vehicles Act regulations range from minimum fines of $50.00 or 30 days in jail to maximum fines of $1,000.00 or six months in jail.   ☐

1969 FOREST FIRE LOSS OVER $8 MILLION

Five hundred and thirty forest fires on land administered by the Alberta Department of Lands and Forests during 1969 destroyed 70,499 acres of timber valued at $8,244,000. The cost of fighting these fires was $2,434,000.

As well, fire crews from the department fought 26 fires on land which is privately or municipally owned. These fires covered 1,272 acres.

Lightning was the most frequent cause, responsible for 235 of the 556 fires. Other frequent causes were settlements, recreational activities, industries, incendiary and public projects.

Following is a table indicating the number of fires in the province in 1969, the timber value loss and the suppression cost.

REPORTED FIRE LOSSES FOR 1969

Forest	Number of Fires Protection Zone	Number of Acres Protection Zone	Timber Value Loss	Suppression Cost*
Crowsnest	12	125	$ —**	$ 77,000
Bow River	19	4	—	64,000
Rocky-Clearwater	37	4,889	61,000	258,000
Edson	37	162	—	91,000
Whitecourt	76	378	9,000	169,000
Lac La Biche	25	491	19,000	70,000
Athabasca	60	8,319	798,000	225,000
Slave Lake	125	1,848	224,000	323,000
Grande Prairie	17	273	—	54,000
Peace River	51	29,992	6,710,000	763,000
Footner Lake	71	24,018	423,000	340,000
TOTAL	530	70,499	$8,244,000	$2,434,000

*Does not include salary of permanent staff.
**Negligible loss.